PDXC Voice Alarm Call Station

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▶ Stylish 64-zone call station for the Voice Alarm System

▶ 8 zone selection keys,2- left-right key, 1-all-call key and 1- PTT-key for calls

▶ Selectable gain, speech filter, limiter, and output level for improved intelligibility

▶ LED indications for zone selection, router, fault, busy, and emergency state

▶ Call station extension provides 1 additional (56-zone LED) indications Led-Panel.

From the Main controller, using CAT-5 extension cables. With shielded cable, the call station can also be used in an EMC level 5 (heavy industry) environment.

DIP switches at the base of the call station select different microphone gain levels, the call station ID. LEDs on the call station show which zones have been selected. Three additional LEDs give visible feedback on the active state of the microphone and the system. Green flashing means standby (chime is sounding). Green indicates microphone active. Amber indicates that the system has detected a fault, and red indicates that the system is in the emergency state.

Controls and indicators
- Four status LEDs
- PTT-key
- PTT status LED
- 10 zone selection keys
- 64 zone selection LEDs
- All-call key
- Eight DIP switches

The call station is a stylish, high-quality call station with a stable metal base design, a flexible microphone stem and a unidirectional condenser microphone. It can make calls to selected zones (1 to 120 and all-call) in a public address system built with the Voice Alarm System. In addition to table top use, the special design allows it to be neatly flush-mounted in desktops. The Voice Alarm (PDXP10) is an extension adding (56-zone LED) indications Led-Panel.

Functions

Each call station supports 120 zone selections with extension adding (56-zone LED) indications Led-Panel.
This call station features selectable gain, a speech filter, and a limiter for improved intelligibility. The call station has a balanced line level output, making it possible to position it up to 1000 meters

- Rotary volume control

Interconnections
- Two 5.08mm P
- 24 VDC input
- Led panel connector

Certifications and approvals

Safety	
Immunity	
Emission	1

Region	Certification
Europe	

Parts included

Quantity	Components
1	PDXC10 Voice Alarm Call Station

Technical specifications

Electrical

Power Supply	
Voltage range	24 VDC supplied by LBB 1990/00 (or 18 to 24 VDC or VAC external power supply)
Current consumption	<30 mA (plus <15 mA per keypad)
Performance	
Nominal sensitivity	85 dB SPL (gain preset 0 dB)
Nominal output level	700 mV
Input sound level (max)	110 dB SPL
Gain preset	+6 / 0 / -15 dB
Limiter threshold	2 V
Compression ratio limiter	1:20
Distortion	<0.6% (maximum input)
Input noise level (equiv.)	25 dB SPLA
Frequency response	100 Hz to 16 kHz
Speech filter	-3dB at 315 Hz, high-pass, 6 dB/oct
Output impedance	200 ohm
Selections	
Chimes	
Priorities	

Mechanical

Base dimensions	
Weight	
Mounting	Standalone
Color	
Stem length with mic	
Cable length	5 m (16.4 ft)

Environmental

Operating temperature	-10 ºC to +45 ºC (14 ºF to +113 ºF)
Storage temperature	-40 ºC to +70 ºC (-40 ºF to +158 ºF)
Relative humidity	<95%

Ordering information

PDXC10 Voice Alarm Call Station

Note: It is essential to ensure that only known compatible components are used in a fire detection system. If in doubt, always consult the fire control panel supplier/manufacturer.